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Biometeorology Quarterly - May 2015 Newsletter

1 message

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May 2015
Biometeorology
Quarterly



International Society of Biometeorology
A newsletter for students & new professionals



**An update from the new Chair of the
Students and New Professionals
Group**

It is with great pleasure that I have taken over the role of leading the Students and New Professionals Group (SNP) of the ISB from Simon Gosling. I am extremely thankful for the leadership that Simon provided throughout the last 3 years, and I am excited to lead this bright group of individuals over the next three. The group progressed from being a relatively new and evolving section of the ISB in 2008 to a well-established and growing network of research colleagues and friends. The SNP group includes almost 60 active members who are either within 5 years from completing graduate study or under 35 years of age. The aim for the coming 3 years is for our group of researchers in the early stage of their careers to continue on this trajectory, find new pathways to strengthen our global network of biometeorologists, and

grow in numbers.

To read more from Dr. Jenni Vanos about the Students and New Professionals Group (SNP), please see the attached PDF file.

News You Can Use

Dangers of Heat Stress on Athletes (STACK.com): http://www.stack.com/2015/03/23/the-dangers-of-heat-stress-for-athletes/?icn=navigation&ici=Navigation_Content

Beach study shows tourists like good weather (The Guardian): <http://www.theguardian.com/education/2015/mar/09/beach-study-tourists-like-good-weather>

Weather in Bulgaria good for Mountain Tourism (Focus Information Agency): <http://www.focus-fen.net/news/2015/04/13/369365/weather-in-bulgaria-good-for-mountain-tourism.html>

Researchers studying severe weather phobias (Topeka Capital-Journal): <http://cjonline.com/news/2015-03-21/researchers-studying-severe-weather-phobia>

Kudos



SNP member and Doctoral student **Vijendra Ingole** organized the “**International workshop on climate and health in India**” in Pune, India, on Oct. 14-16, 2014. The workshop was supported by the Graduate School in Population Dynamics and Public Policy, Umeå University. Barbara Schumann, Joacim Rocklöv, and Rebekah Lucas (also an SNP member) contributed



besides Vijendra with several lectures. As an outcome of the workshop, an Indian network was initiated with the aim of linking researchers in the field of climate and health across the country. For more information, refer to a newspaper article in the Indian Express: <http://epaper.indianexpress.com/c/3698107>



SNP member **Evan Kuras** is currently in Ecuador as a Teaching Assistant for a study abroad program. Evan will be starting graduate school at the University of Massachusetts, Amherst, in the fall in Environmental Conservation.

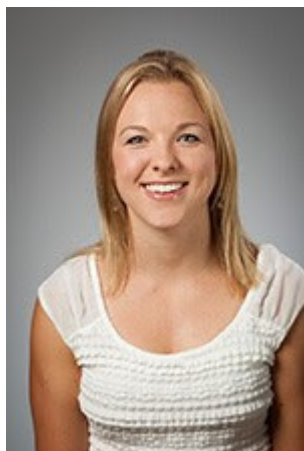


SNP member **Daniel Vecellio** defended his master's thesis late October and received his Master of Science from Texas Tech University (Advisor Jennifer Vanos). Title: "An Assessment of Short-term Synoptic Air Mass Modification through Land-Atmosphere Interactions." He has started his PhD at Texas A&M University with Dr. Oliver Frauenfeld.

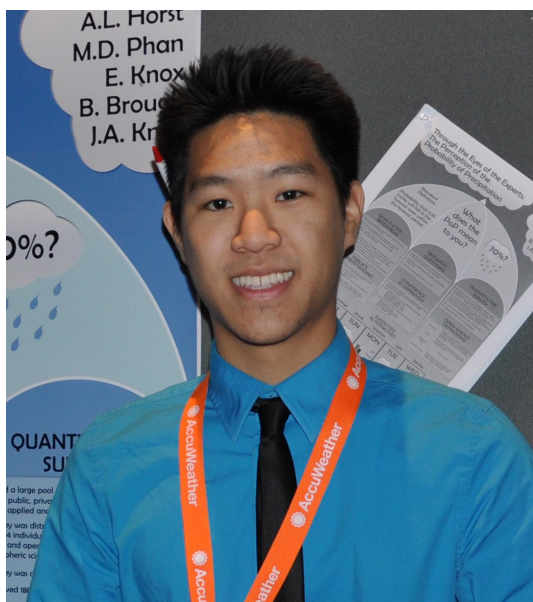
SNP member **Castle Williams** received the National Science Foundation



Graduate Research Fellowship (NSF GRF) for his thesis work involving communicating the risk of pediatric vehicle-related hyperthermia to parents.



SNP Chair **Jennifer Vanos** received grant funding from the Texas Tech National Wind Institute for the “Establishment of a Joint Atmospheric Sciences-National Wind Institute Research Electronics Lab at Texas Tech University” as a Co-PI. with Dr. Eric Bruening (TTU).



SNP member **Minh Phan** will be starting his master’s degree work in Geography at East Carolina University in Greenville, North Carolina investigating how sea-level rise and storm surge impact coastal communities in the Carolinas as part of a NOAA Sea Grant.

Publications



Brown, RD., Vanos, JK., Kenny, NA., Lenzholzer, S. Designing Urban Parks That Ameliorate the Effects of Climate Change. *Landscape and Urban Planning*. In Press. DOI: 10.1016/j.landurbplan.2015.02.006. Link: <http://www.sciencedirect.com/science/article/pii/S0169204615000377>

Hondula, D. M., Davis, R. E., Saha, M. V., Wegner, C. R., & Veazey, L. M. (2015). Geographic dimensions of heat-related mortality in seven US cities. *Environmental research*, 138, 439-452. Link: <http://www.sciencedirect.com/science/article/pii/S0013935115000687>

Grundstein, A., Williams, C., Phan, M., & Cooper, E. (2015). Regional heat safety thresholds for athletics in the contiguous United States. *Applied Geography*, 5655-60. Link: <http://www.sciencedirect.com/science/article/pii/S0143622814002513>

Vanos, JK. Children's Health and Vulnerability in Outdoor Microclimates: A Comprehensive Review. *Environment International*. Online. In Press. DOI: 10.1016/j.envint.2014.11.016. Link: <http://www.sciencedirect.com/science/article/pii/S0160412014003511>

Jobs



Assistant Professor – Environmental Communication and Sustainability

To apply for this position (400013), please visit <https://www.iastatejobs.com/postings/7587> and please contact Michael Dahlstrom at mfd@iastate.edu with any questions. For guaranteed consideration apply on or before 11/20/2014. The position will remain open until filled. Start date for this position is 8/16/2015.

United States Agency for International Development (USAID) GIS/Cartography Intern: <http://chc.the.taleo.net/chc03/ats/careers/requisition.jsp?org=MCFA&cws=1&rid=679>

Environmental Science and Health Intern at Thermo Fisher Scientific <http://jobs.thermofisher.com/us/new-york-state/internship-%EF%B9%A0-apprenticeship/jobid7056458-environmental-health-and-safety-intern>

Scientific Information Officer: National Institute of Environmental Health Sciences (NIEHS) <http://www.nature.com/naturejobs/science/jobs/517393-scientific-information-officer>

Opportunities



National Weather Association (NWA) SOL HIRSCH EDUCATION FUND GRANTS

Sol Hirsch Education Fund Grants are awarded annually to teachers/educators of grades K–12 to help improve the education of their students, school and/or community in the science of meteorology. The application period for the 2015–2016 school year is open until June 1st (5 PM CDT Deadline). <http://nwas.org/grants/solhirsch.php>

The **Father James B. Macelwane Annual Award in Meteorology** was established by the American Meteorological Society to honor the late Rev. James B. Macelwane, S.J., a world-renowned authority of seismology, who was a geophysicist and Dean of the Institute of Technology, Saint Louis University, until his death in 1956. The recipient of the Father James B. Macelwane award will receive a stipend of \$1000 supported by member donations to the AMS Giving Program.

[http://www2.ametsoc.org/ams/index.cfm/information-for/students/ams-scholarships-and-](http://www2.ametsoc.org/ams/index.cfm/information-for/students/ams-scholarships-and-fellowships/the-father-james-b-macelwane-annual-award-in-meteorology/)

[fellowships/the-father-james-b-macelwane-annual-award-in-meteorology/](http://www2.ametsoc.org/ams/index.cfm/information-for/students/ams-scholarships-and-fellowships/the-father-james-b-macelwane-annual-award-in-meteorology/)

Conferences & Courses



Climate Change and health Research Methods course: University of Umea, Sweden. David Hondula and I will be teaching and facilitating this course.

Location: Umeå University, Umeå, Sweden.

Date: 1st – 12th June, 2015.

Info: <http://www.climateandhealth.net/static/en/31/>

American Meteorological Society (AMS): Third Conference on Weather Warnings and Communication/43rd Conference on Broadcast Meteorology

Location: Raleigh Convention Center in Raleigh, North Carolina

Date: June 10-12, 2015

Info: <http://www.ametsoc.org/Meet/fainst/20153warning.html>

AMS: Jenni Vanos will also be the Co-Chair for the American Meteorological Society Meeting for the Environment and Health sessions in New Orleans in January, 2016. If you have any interest in submitting abstracts to these sessions, or check out any potential joint sessions, you can visit this link here: <http://annual.ametsoc.org/2016/>

American Association of Geographers (AAG): Members of the SNP held ISB sessions at the AAG Meeting in Chicago, where David Hondula, Michael Allen and Jenni Vanos organized four Weather, Climate and Health sessions. The same sessions will be organized again next year for the AAG meeting in San Francisco (Mar 29-April 2, 2016). SNP members present in Chicago included: David Hondula, Grady Dixon, Adam Kalkstein, Ariane Middel, and Kathryn Haab.

ANNOUNCEMENTS AND FINAL THOUGHTS

If you have any questions, comments, contributions, or ideas for submissions to the "Biometeorology Quarterly Newsletter for the ISB Students and New Professionals Group, please feel free to contact Castle Williams (castleaw@gmail.com) or Minh Phan (mphan92@gmail.com). Connect with us too on Twitter using the Twitter handle [@biometeorology](https://twitter.com/biometeorology).

Please be sure that your membership is up to date with the International Society of Biometeorology. This comes at a significantly discounted rates for students and new professionals, and you get some freebies with it too. Also, to be a member of the SNP group you must be an ISB member, so check your status! Go here: <http://www.biometeorology.org/members/>



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